

Automatic Weighing and Counting Packaging Machine

This automatic packaging machine is designed for high-speed and accurate packaging of small parts, using both weighing and counting functions. It features a vibratory feeder system, a PLC control system, and a heat sealing mechanism.



ADDITIONAL IMAGES



Overview

High-Efficiency Fastener Packaging

The Automatic Weighing and Counting Packaging Machine is engineered for the precise and rapid packaging of small hardware components such as nails. Featuring an automated bagging system, it streamlines carton packaging workflows with a capacity of 3-8 cartons per minute. This robust solution integrates advanced sensing and control technologies to ensure consistent output quality for industrial applications.

Performance Metrics

Key Performance Indicators

8 cartons/min
Max Output

5 kg/carton
Max Capacity

4 kW
Total Power

Technical Specifications

Technical Data

Parameter	Value
Machine Code	FY-B02
Packing Material	Carton
Electrical Supply	AC220V, 50Hz
Air Pressure	0.6-0.8 MPa
Air Flow	0.3 m3/min
Dimensions	6000 x 1500 x 3000mm

Configuration

Component Configuration

Component	Origin/Type
PLC	Taiwan
Touch Screen	Taiwan
Temperature-controlled Meter	Chinese
Fiber Optic Sensor	OPTEX
Cylinder/Magnetic Valve/Triplet	AirTAC/SNS
Intermediate Relay	Omron, Japan
Solid-state Relay	Schneider
Emergency/Button Switch	Schneider, French
Proximity Switch	Omron, Japan

Compatibility

Compatible Products	Nails, Fasteners, Small Hardware, Components
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